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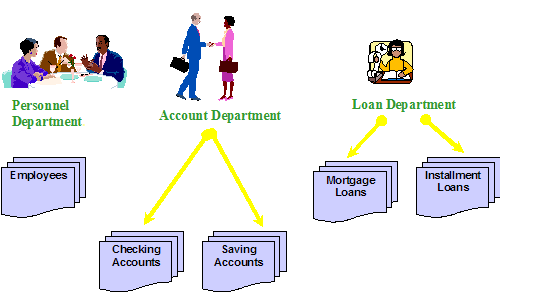
Group #7

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Question 5: **How is a file processing approach different from the database approach?**

According to our textbook in a typical file processing system, each department or area within an organization has its own set of files. What makes this system unique is that the records in one file may not relate to the records in any other file. File processing approach has two major disadvantages, data redundancy and isolated data. One issue with this approach is that the data is stored in multiple places making it difficult to access and even update data. Below is an example for file processing approach for banking system.



The Database approach has many programs as well as users that share the data within the same database. Database approach is more helpful because it reduces Data redundancy and improves data integrity. Much of the data which is stored is only stored in one file which decreases the chances of duplicated data. Also, since the data is not stored in multiple places as the “File processing approach” it’s much easier to modify and update information.

